BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

APPROVED SCHEDULE –'B'

Name of Work:- "Asphalting to roads at Ambhabhavani layout and surrounding areas in Ward No-03, Yelahanka Satellite Town sub Division.

Sl	Description	Unit	Approved Qty	Approved Rate Technical Manager (West) KRIDL, BBMP,	
				Rate	Rate in Words
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. P No. 143/ Item No. 19.1/ PWD SR 2018-19	Cum	962.42	211.79	Rs. Two Hundred and Eleveen Rupees and Seventy nine Paise Only.
2	KSRRBM29001.Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed,placed infoundation and compacted by vibration including curing including cost of materials,labour, HOM complete as per the specification Specification No. P No. 254/ Item No. 34.2/ PWD SR 2018-19	Cum	143.99	4479.56	Rs. Four Thousand Four Hundred and Seventy Nine and Fifty Six Paise Only
3	KSRB M2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio (I No-28.8.2,P No-229)	Ton	18.50	72326.98	Rs. Seventy Two Thousand Three Hundred and Swenty Six and Ninety Eight Paise Only

Executive Engineer-3
KRIDL, BBMP, Bangalore

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು - 560064

	Description	Unit	Approved Qty	Approved Rate Technical Manager (West) KRIDL, BBMP,	
				Rate	Rate in Words
	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.. Item No. 37.59.2/ page no:271/PWD SR 2018-19	Cum	295.13	7070.20	Rs. Seven Thousand And Seventy Rupees and Twenty Paise only
5	Supplying and Fixing pre cast reinforced covering Slab of 10cm of mix M20 using 20mm and down size graded granite metal using reinforcement of 10mm dia steel ar 150c/c both ways cost,transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc. complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials. (Data Rate enclosed)	Sqm	603.45	2337.00	Rs. Two Thousand Three Hundred and Thirty Seven Only
6	Providing and Fixing pre cast covering Slab 250mm thickof mix M20 using 20mm and down size graded granite metal using reinforcement including foam work, lift charges, curing and concrete finished surfaces on both side etc. complete as per drawing and direction of Engineer in charge of work (Data rate enclosed).	Sqm	39.96	5418.00	Rs. Five Thousand Four Hundred and Eighteen Only.
7	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 27/ Item No. 5.30/ PWD SR 2018-19	Nos	687.00	477.00	Rs. Four Hundred and Fourty Seven Only.
8	KSRB 800-1 Providing two coats after filling the surface with synthetic enamel paint in approved shades on new plastered surfaces, with materials, labour, complete as per specifications. MORTH chapter 8. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)	Sqm	93.00	84.80	Rs. Eitghty Four and Eighty Paise Only.

Executive Engineer-3
KRIDL, BBMP, Bangalore

	Description	Unit	Approved Qty	Approved Rate Technical Manager (West) KRIDL, BBMP,	
				Rate	Rate in Words
	KSRRB M300-13.Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification no 301.	Cum	2099.63	43.46	Rs. Fourty Three and Fourty Six Paise Only
10	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 KPWD S.R 2018-19 Page No. 147 I.No. 19.64	Sqm	8398.50	6.36	Rs. Six and Thirty Six Paise Only
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406.	Cum	1931.66	2001.28	Rs. Two Thousand and One and Twenty Eight Paise Only.
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision. (P No. 158, INo. 21.6)	Sqm	8398.50	33.92	Rs. Thirty Three and Ninety Two Paise Only.
13	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision. (P-158) Item no.21.2.specifications. MORTH Specification No. 202 KPWD SR 2018-19	Sqm	8398.50	5.30	Rs. Five and Thirty Paise Only.

Executive Engineer-3
KRIDL, BBMP, Bangalore

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು - 560064

	Description	Unit	Approved Qty	Approved Rate Technical Manager (West) KRIDL, BBMP,	
				Rate	Rate in Words
	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision.	Sqm	8398.50	12.72	Rs. Twelve and Seventy Two Paise Only.
15	KSRRB M500-11. Providing and laying dense graded bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formulae for base/ binding course including loadng of aggrigated with FE loader, hot mixing of stone aggregates and bitumen in Hot mix plant transporting the mixed material in tipper to the required level and grade, rolling by power roller to achieve desired, but excluding cost of primer / tack coat including lead, lift and cost of all materials, lobour HOM, of machinaries complete as per specifications MORTH ch5. using 40/60 TPH capacity HMP with Mechanical paver Grll (50mm -75mm) with 3.4% VG-30 bitumen (P NO> 158/ Item No-21.11.6)	Cum	419.93	7428.48	Rs. Seven Thousand Four Hundred and Twenty Eight and Fourty Eight Paise Only.
16	Providing and laying bituminous concrete 40mm thick with 100-200 TPH batch type asphalt producing an average output of75 tonnes per using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6%of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH V specification clause No. 500.9 complete in all respects as per specifications. MORTH specification 30-45mm compacted thickness (grading II) with 6% Bitumen 80/100 No. 161/Item No. 21.22.6PWD SR 2018-19.	Cum	335.94	8831.92	Rs. Eight Thousand Eight Hundred and Thirty One and Ninety Two Paise Only

Executive Engineer-3
KRIDL, BBMP, Bangalore

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನೆಗಳ ವಿಭಾಗ
ಪ.ಪಾ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು - 560064

	Description	Unit	Approved Qty	Approved Rate Technical Manager (West) KRIDL, BBMP,	
				Rate	Rate In Words
	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.	Sqm	260.20	454.74	Rs. Four Hundred and Fifty Four and Seventy Four Paise Only.

Signature of the Contractor
Executive Engineer-3
KRIDL, BBMP, Bangalore

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.